



**THE PORT AUTHORITY  
OF NY & NJ**

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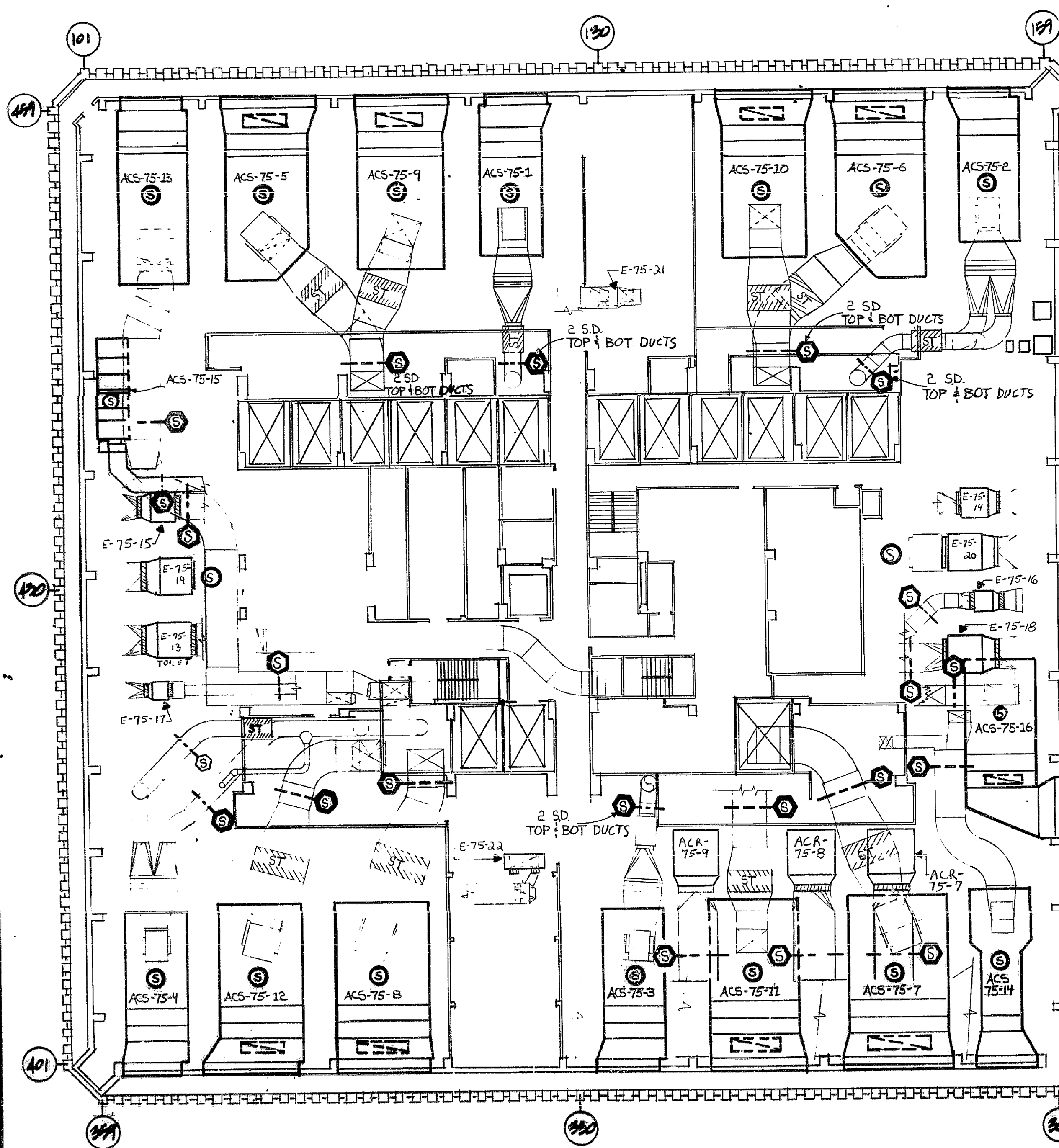
Title  
**TOWER MER'S  
SPRINKLER INSTALLATION  
AND MODIFICATION  
TO SMOKE DETECTION  
SYSTEM**  
**MECHANICAL**  
**ONE W.T.C.  
75th & 108th  
FLOOR PLANS**

No. Date Revision Approved

This drawing subject to conditions in contract.  
All inventions, ideas, designs and methods  
herein are reserved to Port Authority and may not  
be used without its written consent.

R.J.N. E.C. R.J.N.  
Designed by Drawn by Task Leader  
Checked by R.G.  
Date 5-16-90 Scale 1/16" = 1'-0"

Contract Number Drawing Number  
**WTC 499.18 M-2**



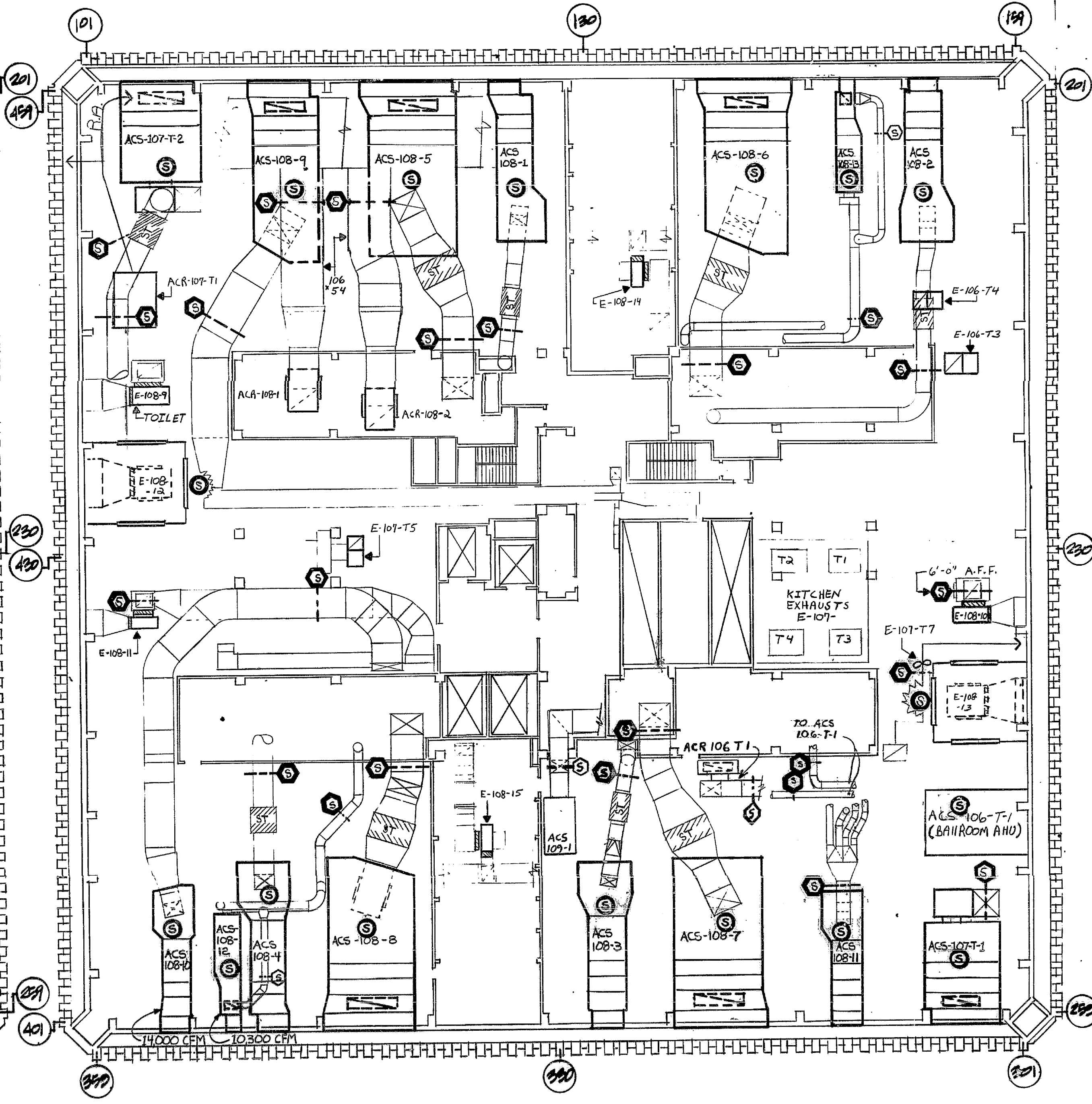
**PLAN OF M.E.R.-75TH FLOOR**

NOTE B - Typical return air duct smoke detectors

Detectors shown in Southeast Quadrant for return fans ACR 75-7, 8, and 9 are typical for all four quadrants in 7th and 75th floors mechanical equipment rooms, both towers.

Each return duct requires two detector assembly, including sampling tubes.

Detectors are to be installed in vicinity of existing detectors.



**PLAN OF M.E.R.-108TH FLOOR**

NOTE A - Typical return air duct smoke detectors

Detectors shown in Northwest Quadrant for return fans ACR 108-1 and 2 are typical for all four quadrants in 7th and 108th floors mechanical equipment rooms, both towers.

Each return duct requires one detector assembly including sampling tubes.

Detectors are to be installed in vicinity of existing detectors.

NOTE:

FOR NOTES & LEGEND SEE DWG M-1

